

COMPOSITE POLYESTER FILM

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Abstract

PURPOSE: To prevent electrification by making electromagnetic properties and running properties favorable, by a method wherein layers A, B are laminated, antistatic agent is contained within the layer B, a coating layer consisting mainly of shading particulates and a lubricant is formed on the surface, specific light transmittance, surface resistivity, surface kinetic coefficient of friction and mean roughness (Ra) on the center line of the surface are possessed and the Ra of the surface of the layer A is specified.

CONSTITUTION: The title film is of a composite polyester film obtained by laminating layers A, B comprised both of polyester, an antistatic agent is contained within the layer B and a coating layer consisting mainly of shading particulates and a lubricant is formed on the outside of the layer B. Light transmittance, surface resistivity of the outside of the layer B, the kinetic coefficient of friction of the outside of the layer B, mean roughness (Ra) on the center line of the outside of the layer B and the Ra of the outside of the layer A are made respectively 60% or less, $10 < 10 \times \text{OMEGA}$ or less, 0.20 or less, 0.010-0.025 μm and smaller than 0.015 μm . Various surface active agents are used for the antistatic agent, the shading particulates are made into tinting particulates and an organic compound lubricant or an inorganic compound particulates are used for the libticant.

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